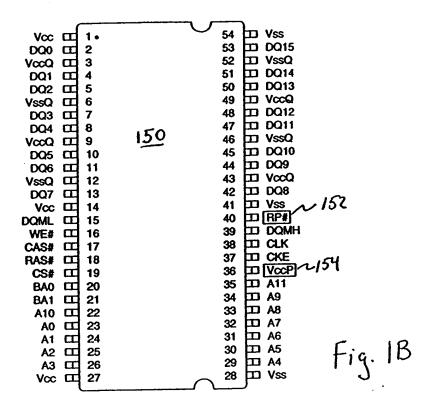
140 No 1 † **₹** ₩ *'* 22,2 ADDRESS REGISTER 17 COMMAND DECODE MODE REGISTER Command Register 133 COMMAND EXECUTION LOGIC 3 -147 241 STATE MACHINE Protect ADDRESS MUX 132 乏 COLUMN-ADDRESS COUNTER/ LATCH BANK CONTROL LOGIC $\mathcal{E}^{\tilde{\tilde{\omega}}}$ 25 High Voltage Switch/Pump 10 I/O GATING DQM MASK LOGIC READ DATA LATCH WRITE DRIVERS BANK 0 MEMORY ARRAY (4,096 x 256 x 16) シ 出 COLUMN 121 J 124 301.08 STATUS REG. ,102 ID REG. DATA OUTPUT REGISTER DATA INPUT REGISTER 77/26 128 18 DOM! 243 Processor ••• 200 Dao-Dais J Dan → CAS# → CAS# → RP# → CXE

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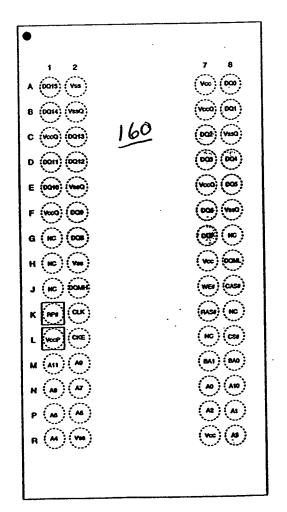


Fig. 1C

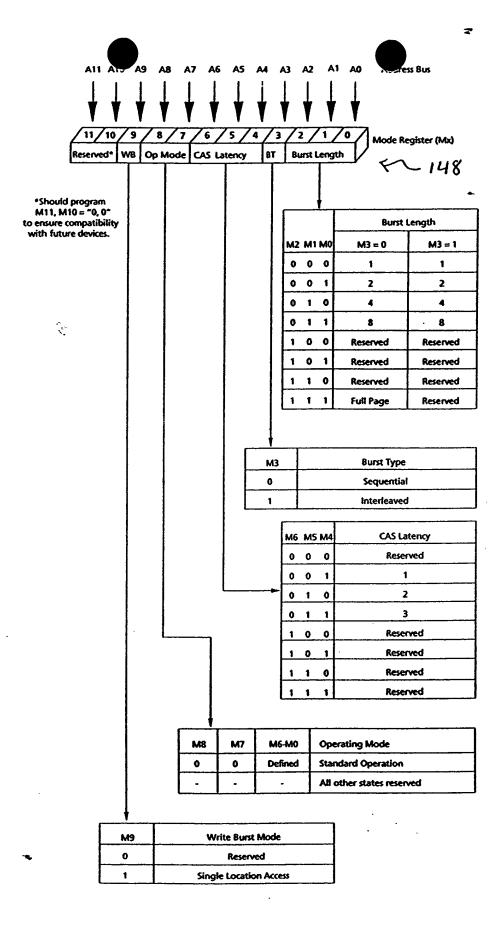


Fig. 2

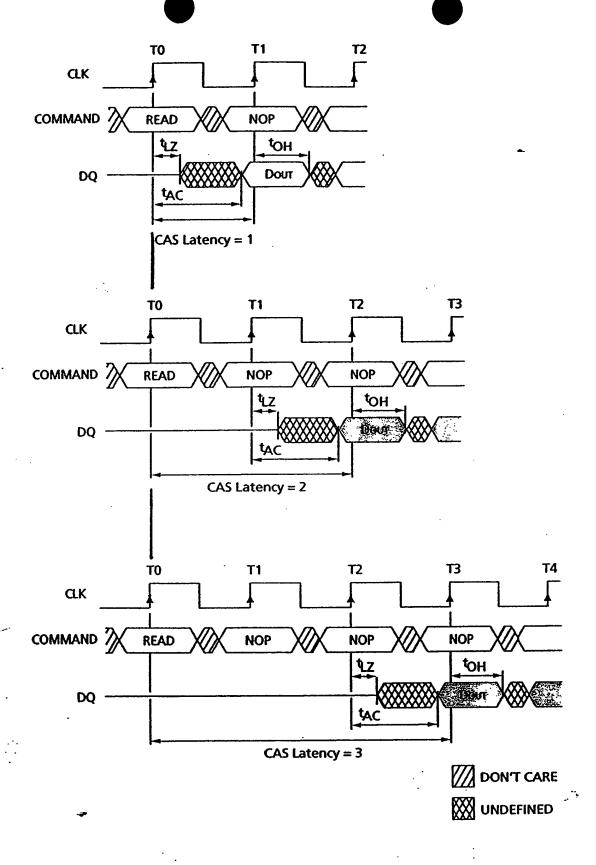


Fig. 3

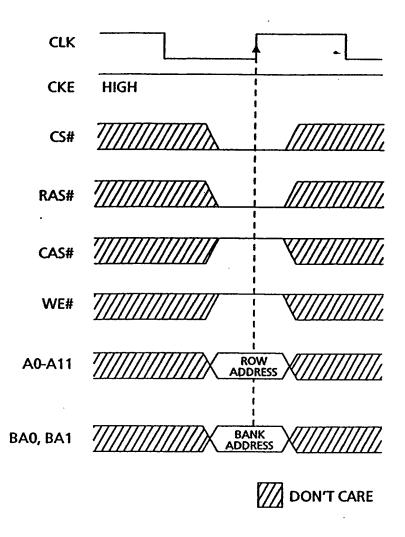
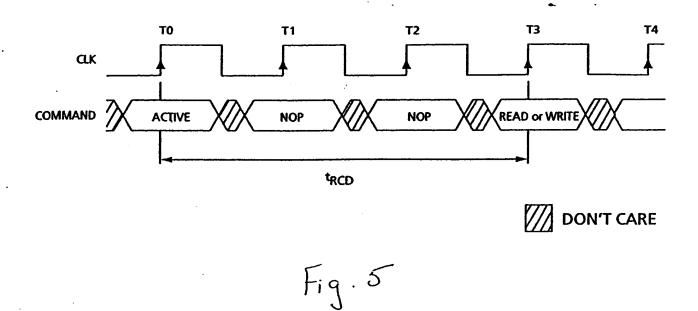


Fig. 4



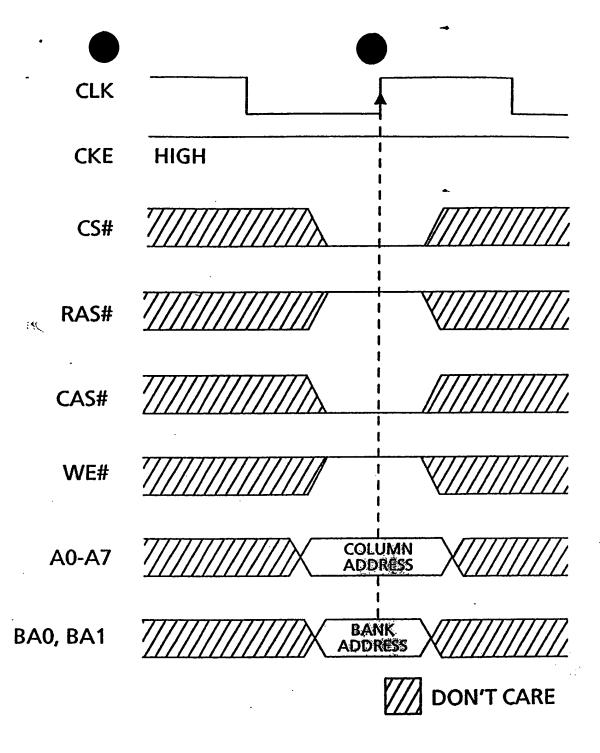


Fig. 6

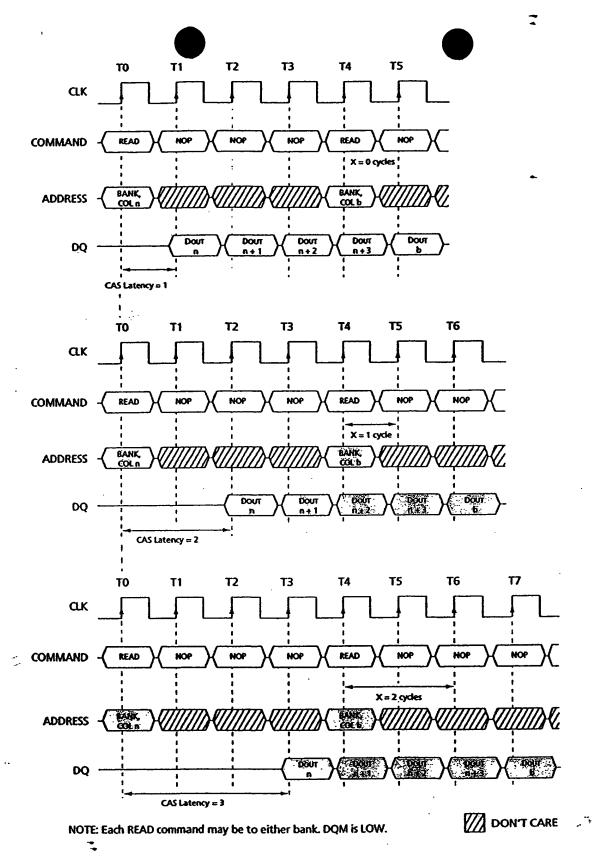


Fig. 7

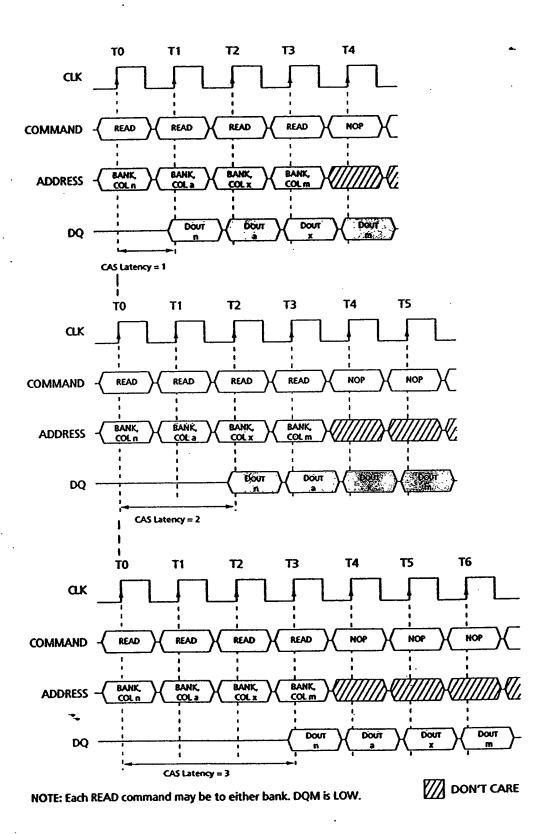
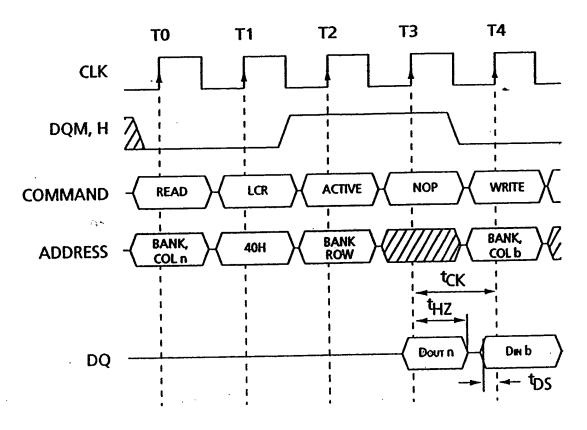


Fig. 8



NOTE: A CAS latency of three is used for illustration. The READ command may be to any bank, and the WRITE command may be to any bank. If a CAS latency of one is used, then DQM is not required.

DON'T CARE

Fig 9

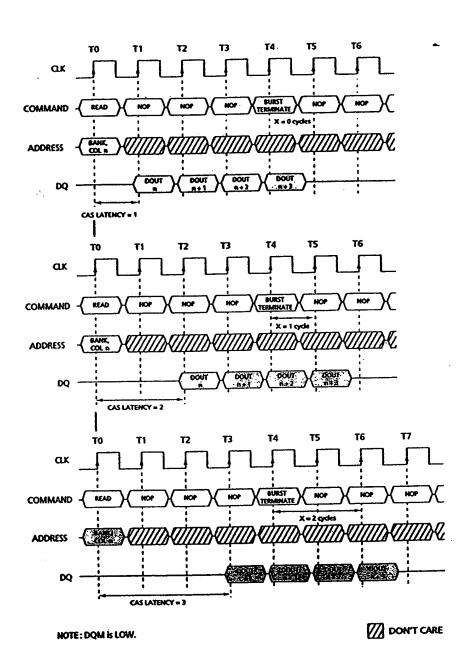


Fig. 10

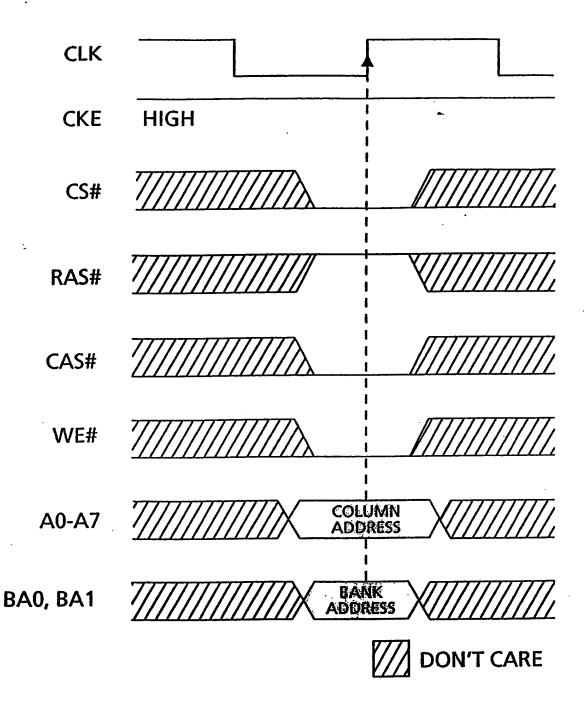
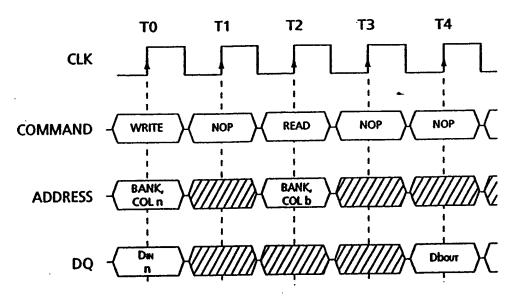


Fig.11



NOTE: A CAS latency of two is used for illustration. The WRITE command may be to any bank and the READ command may be to any bank. DQM is LOW. A READ to the bank undergoing the WRITE ISM operation may output invalid data.

DON'T CARE

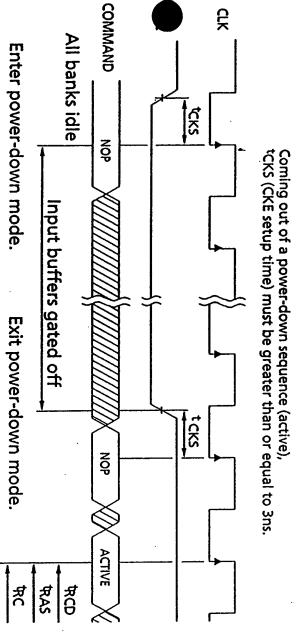
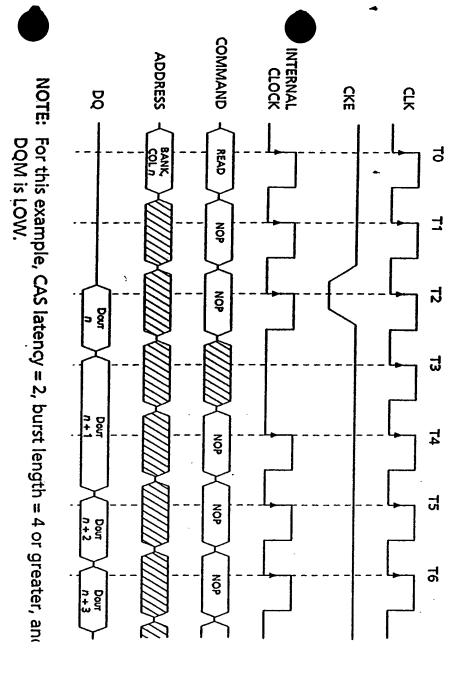


Fig. 13

DON'T CARE

DSEZERCZEROC





DON'T CARE

	4 8	RO RO	y CON	rin.	•	
	ωm	FFF COO	FFH 00H	255KW6(410ck)		~210
₩ W	3	BFF 800	FFH 00H	256K-Word Block	14	
Bank 3	3	800 7FF 400	FFH 00H	256K-Word Block	13	
	3	3FF 000	FFH 00H	256K-Word Block	12	
	2	FFF COO	FFH 00H	256K-Word Block	11	
7	2	BFF 800	FFH 00H	256K-Word Block	10	
Bank 2	のいとととという。	7FF 400	FFH 00H	256K-Word Block	9	
_	2 2	3FF 000	FFH OOH	256K-Word Block	8	
	1	FFF COO	FFH 00H	256K-Word Block	7	
۲ ع	1	BFF 800	FFH OOH	256K-Word Block	6	
Bank 1	i	7FF 400	FFH 00H	256K-Word Block	5	
	1	3FF 000	FFH OOH	256K-Word Block	4	
k o	0000	FFF COO	FFH 00H	256K-Word Block	3	
		BFF 800	FFH 00H	256K-Word Block	2	
Bank 0	0	7FF 400	FFH 00H	256K-Word Block	1	20
	000	3FF 000	FFH OOH	256KWoid Block	0	2220

Word-wide (x16)

Software Lock = Hardware-Lock Sectors
RP# = VHH to unprotect if either the
block protect or device protect bit is set.

Software Lock = Hardware-Lock Sectors
RP# = Vcc to unprotect but must be VHH
if the device protect bit is set.

See BLOCK PROTECT/UNPROTECT SEQUENCE for detailed information.

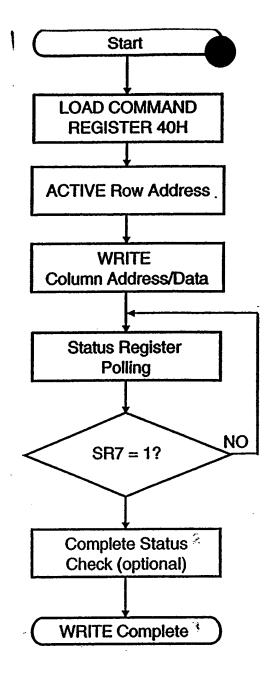
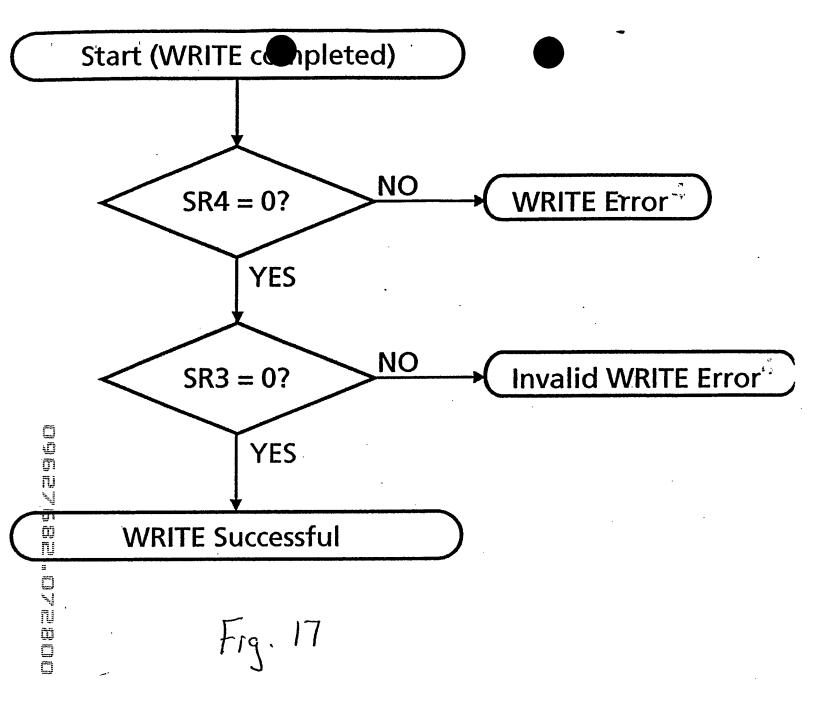
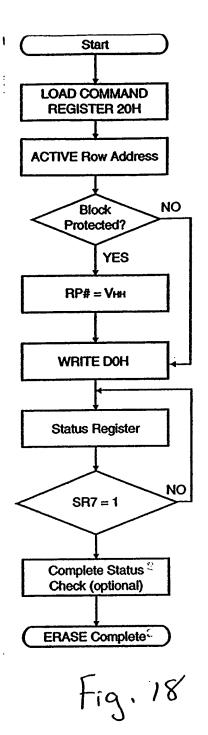
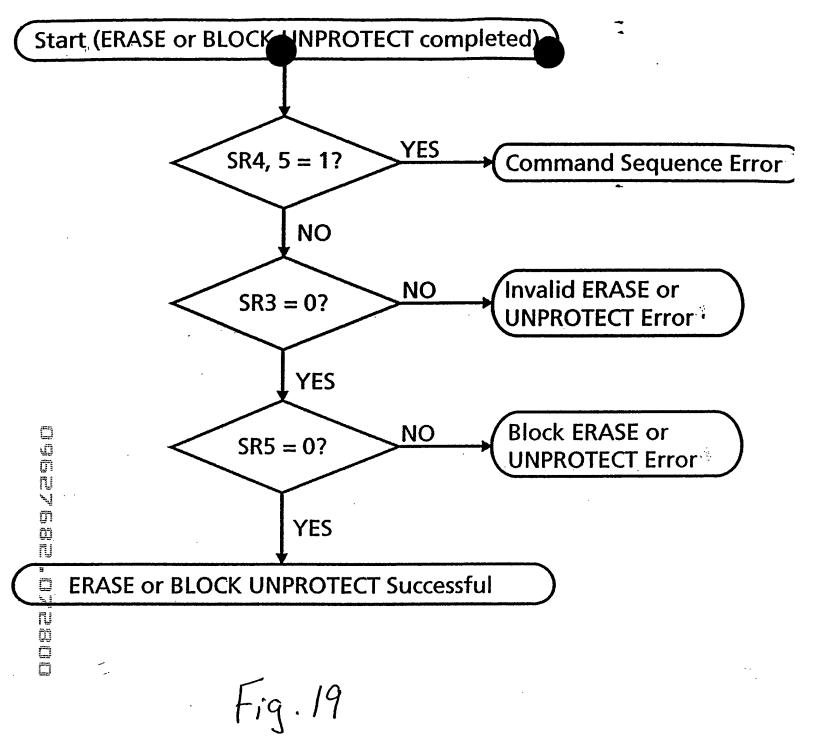


Fig. 16







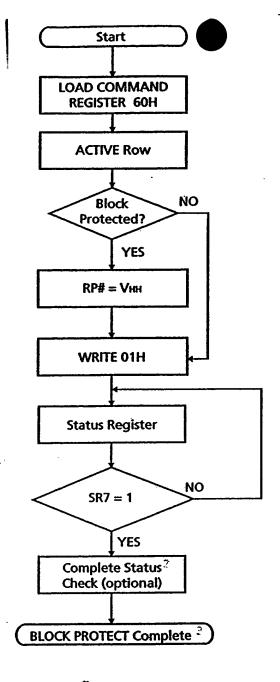


Fig. 20

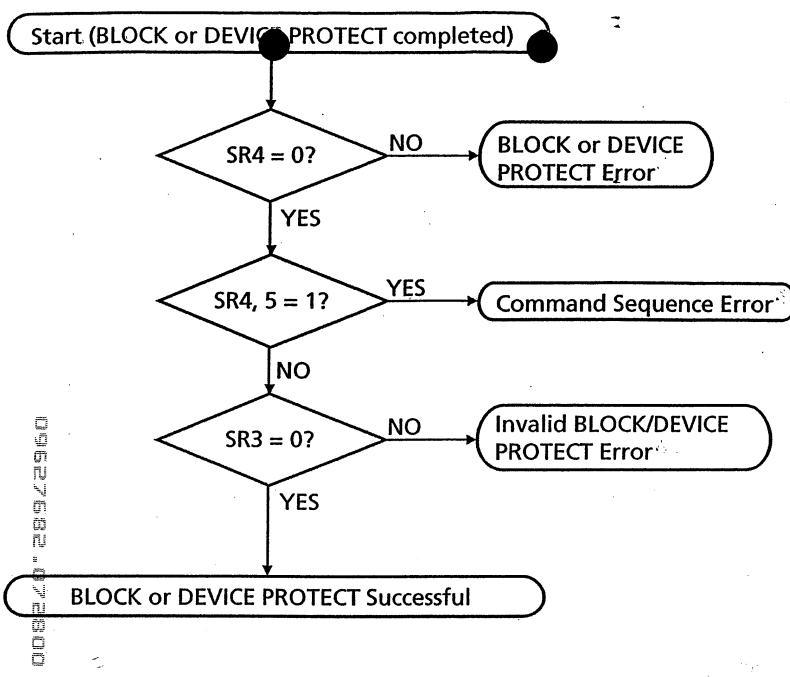


Fig. 21

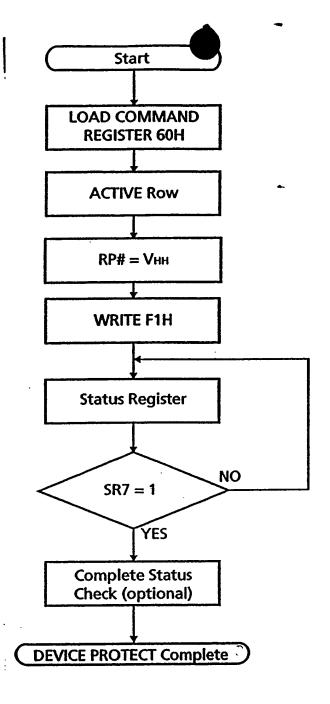


Fig. 22

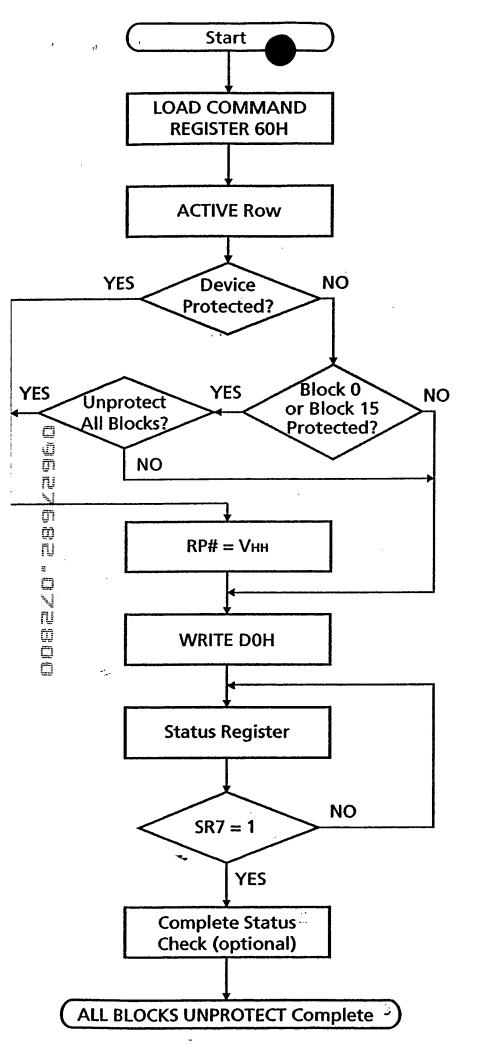


Fig. 23

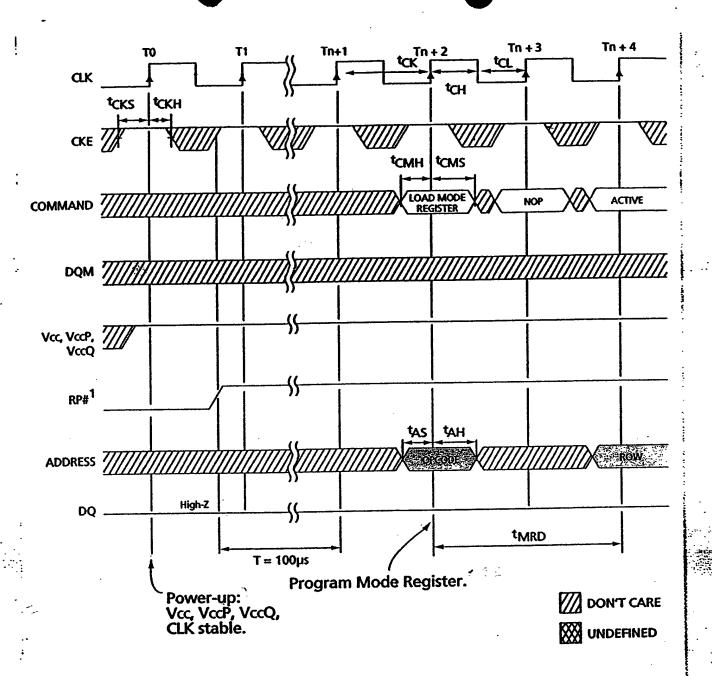
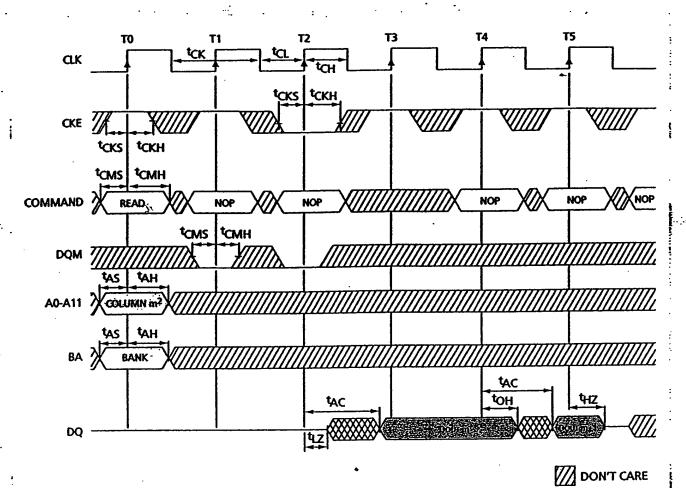
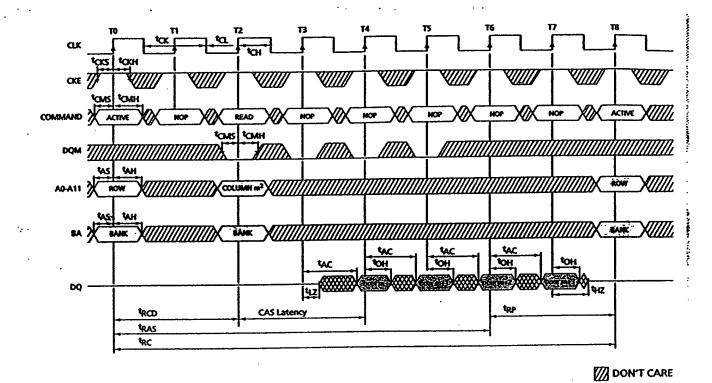


Fig. 24



W UNDEFINED



W UNDEFINED

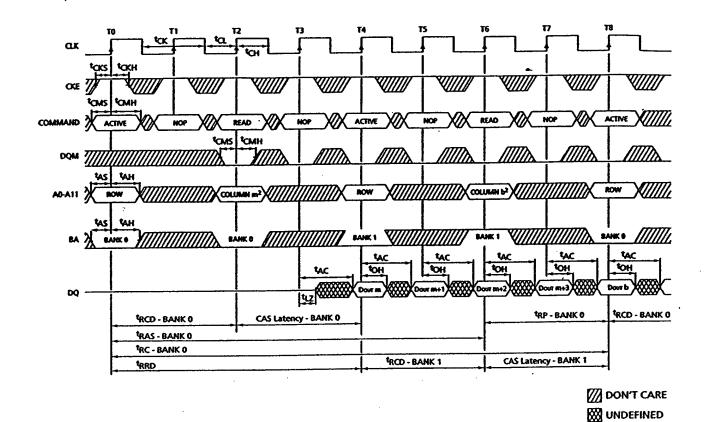


Fig. 27

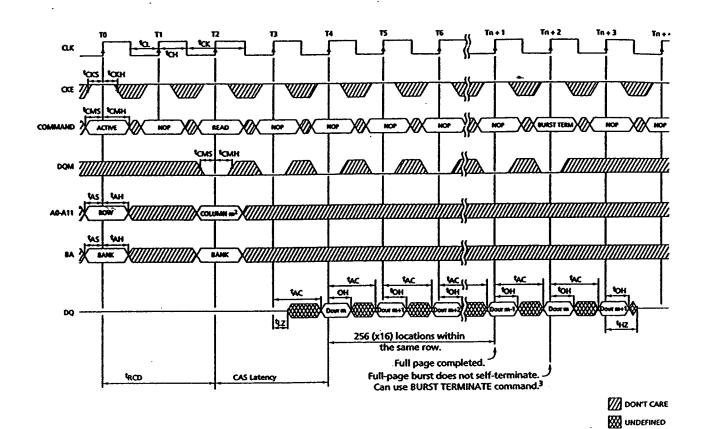
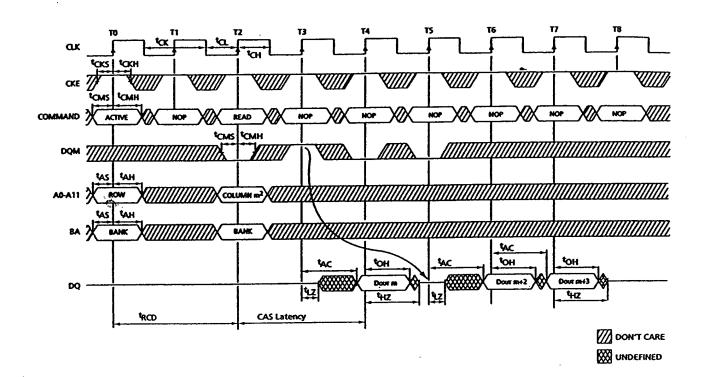


Fig. 28



Frg. 29

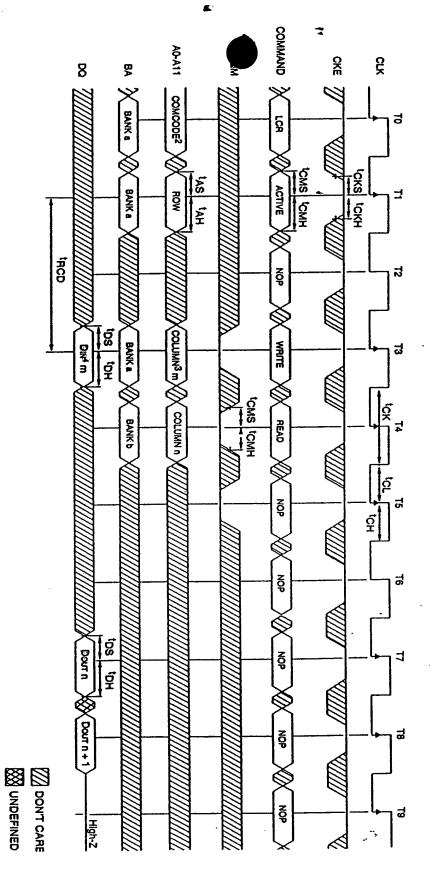
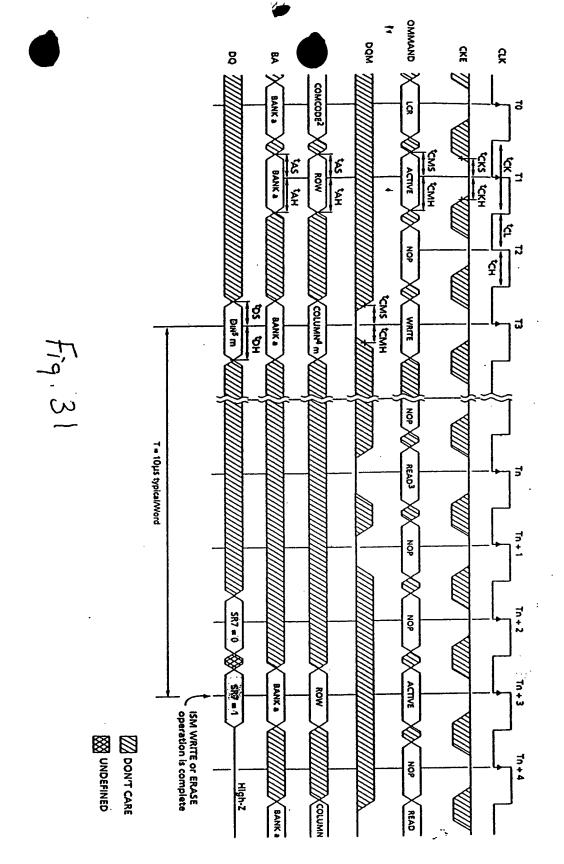


Fig. 30

8.

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1.

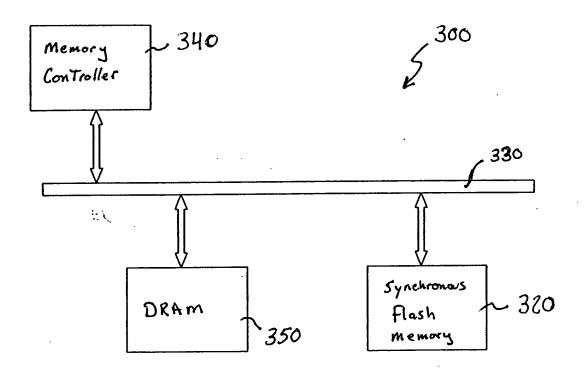


fig. 32